



MBP3 Goal Examples

Submitted by actual Pollution Prevention Partners

COMPANY 1

- Reduce VOC emissions from automotive body painting operations by a minimum of 50% on a per unit basis, or approximately 193 tons annually.
- Institute a recycling program for polyvinylchloride sheet and polypropylene plastic manufacturing scrap resulting in reduced landfilling of 100,000 pounds per year.

COMPANY 2

- Reduce releases and off-site transfers of SARA Title III chemicals by 70% from a baseline year of 1988.

COMPANY 3

- Additional air emission reduction opportunities will be evaluated on a continuous basis.
- Reducing SARA releases to the underground injection system.
- Reuse approximately 500,000 gallons per month of process solvent in a closed loop recovery system.
- Continue mercury minimization programs.
- Track purchases of corrugated shippers, tissue paper and office papers with recycled content.
- Use recycled paper in all business machines and maintain a pollution prevention page.
- Sponsor P2 employee events and encourage recognition programs.
- Send approximately 10,000 pounds per month of mixed plastic to a novel recycling process.
- Recycle approximately 1 million pounds of mixed office paper annually.
- Update and expand waste management guides to include recycling.

COMPANY 4

- Find non-hazardous replacement chemicals and maximize use of on-site wastewater treatment facility.
- Reduce air emissions, hazardous waste generation and consolidate hauls.
- Reduce volume of liquid waste flammable to less than 500 gallons.
- Reduce incinerator use - reduce particulate emissions to less than 0.01 tons.
- Reduce volume of liquid waste corrosives to less than 1,000 gallons.

COMPANY 5

- Recovery and reuse of water used in processing polycrystalline silicon.
- Recycling of approximately 450 lbs. of polyethylene plastic per day.
- Silicon fines collected by the suspended solids filtration unit will be recovered for beneficial reuse.
- Scrubber system is being voluntarily upgraded increasing efficiency from 70% to 99%.
- Provide habitat restoration and committed to plant at least 1,000 trees.

COMPANY 6

- Reduce hazardous waste generation 50% from the 1993 level by 1999.
- Reduce the quantities of elemental mercury and mercury-containing equipment at power plants.
- 1,500 pounds of mercury will be removed from our facilities during 1997 and 1998.
- Develop a system to better measure and track solid waste and increase recycling program recovery rates.
- Plant 10 million trees by 2004.
- Eliminate the use of aerosol cans by switching to pump sprays or alternative products.

COMPANY 7

- Reduce non-hazardous solid waste disposal at petroleum terminals and the region office 10%.
- Provide fuel tight sumps in the submersible sump area for company service stations in the highest risk areas.

COMPANY 8

- Reduce, as much as is practical, the solid wastes from the cupola melting operation.
- Explore fully the prospect of conversion to electric melting.

COMPANY 9

- Advocate the participation of all association members in the MBP3 program.
- Distribute MBP3 materials to all association members and use two-sided copying whenever possible or feasible.
- Provide a preference for the use of vendors who also participate in MBP3 program.

COMPANY 10

- Reduce disposable packaging cardboard, wooden skids and evaluate current energy usage in manufacturing operations.
- Replace all office and janitorial paper products with materials including recycled materials.
- Reduction of water usage.

COMPANY 11

- Unit hazardous waste generation, with 1994 as a base, will be reduced 20% by the end of 1997.
- The volume of returned product, which adds to the waste load, will be zero.

COMPANY 12

- Continue our commitment and participation in the City of Lansing's recycling program.
- Recycle 100% of all office paper/newspaper and utilize e-mail/broadcast fax services to cut down on paper usage.
- Advocate the participation of association members in the MBP3, and distribute MBP3 information to them.

COMPANY 13

- Reduce the usage of glycol ethers for flushing in-line activator process equipment by 50% within the next year.
- Feasibility analysis of converting waste plastic sheets into ergonomic assist devices that relieve back stress for employees who work in a standing position.

COMPANY 14

- Recycling of spent batteries generated by the site. The site will reduce by 25% the amount sent for disposal in 1997, with a cumulative goal of 100% by 1998.
- Recycling of fluorescent, incandescent, High Intensity Discharge light bulbs, and mercury containing switches.
- The site will reduce the quantity of zinc chloride sent for treatment and disposal by 50% using 1996 as the baseline-reporting year. A cumulative goal of 95% reuse will be achieved by the end of 1998.
- Reduction of organic-chloride emissions will be reduced through process changes by 90%.

COMPANY 15

- Reduce landfilling waste pallets by 90%.
- Reuse 10% treatment wastewater into leather manufacturing process within 12 months.

COMPANY 16

- Eliminate hazardous waste parts washer and implement VOC-free E-Coat.
- RCRA small quantity generator status.
- Reduce metal paint VOC content below (2.0) lbs. /gal.

COMPANY 17

- Eliminate use of Styrofoam products and reduce cardboard usage by 40%, 502,000 lbs. annually by 1999.

COMPANY 18

- Investigate water based and low solvent coatings, and upgrade spray booths to eliminate cure time.
- Maintain pollution control sawdust collectors.
- Replace bulbs with low mercury fluorescent bulbs.

COMPANY 19

- Separate non-hazardous waterborne waste.
- Reduce waste at source through yield improvements and eliminate scrap batches.
- Conform to RCRA closed loop requirements and reduce wash solvent usage.

COMPANY 20

- Reuse cups and dishes.
- Educate employees about P2 practices and policy.

COMPANY 21

- Identify all waste streams and develop a tracking system for: origin of waste, generating process, current treatment of waste, past and current volume of waste, and opportunities for waste reduction

COMPANY 22

- Implement a rag collection program and launder used rags, and perform a detailed Waste Stream Assessment.

COMPANY 23

- Evaluate alternatives to mercury fluorescent lamps and evaluate the use of rechargeable batteries.

COMPANY 24

- Eliminate use of landfills and reduce volume of packaging materials for finished goods by ½.
- Require environmental "life-cycle" analysis for all new products.

COMPANY 25

- Reduce waste taken to landfill by 10%.

COMPANY 26

- Switch from polystyrene to starch-based "peanuts." And environmentally friendly CFC free packaging foam.
- Purchase a coolant filtration and reconditioning unit.
- Investigate methods of recycling parts washer water.
- Investigate reducing usage of glass reinforced molded plastic products.
- Reduce hazardous waste by 50% by reconditioning coolant and parts washer water within 5 years.
- Look for environmentally friendly parts cleaning methods within 5 years.

COMPANY 27

- Track waste, cost reductions, and develop a SOP with P2 suggestions.
- Develop a tracking/reporting system for mixed paper recycling and complete recycling plan by 2000.
- Eliminate generation of hazardous waste to obtain conditionally exempt, small quantity exempt status.
- Establish a waste oil collection system.
- Eliminate the use of 17 hazardous chemicals identified by EPA.
- Evaluate cleaning products and seek environmentally friendly substitutes.

COMPANY 28

- Identify and characterize all foundry and office waste streams and establish P2 goals based on findings.

COMPANY 29

- Use where practical universal reconditioned pallets.
- Advertise battery recycle program.
- Investigate recycle uses of offal fabric and wood, track usage.
- Promote P2 technologies and reduce solvent-based materials by 40%.

COMPANY 30

- Assess P2 opportunities in company and use environmentally safe products.
- Maintain current mailing lists to cut down on undeliverable/duplicate mailings.

COMPANY 31

- Maintain zero emissions reporting for SARA Title III.
- Reduce quantities of mercury and mercury containing equipment at facilities.
- Transfer P2 knowledge to company employees, suppliers and vendors.

COMPANY 32

- Reduce and track scrap metal usage, reuse where feasible and use computers to reduce paper work.

COMPANY 33

- Promote two-sided copying and increased use of fax and copy scrap for draft, two sided printouts.
- Investigate method of lead-free soldering of electronic parts.
- Promote use of reusable coffee mugs to minimize Styrofoam cups.
- Begin to develop an EMS to ISO 140001 standards.

COMPANY 34

- Identify, prioritize, and begin implementation of solvent waste reduction opportunities.
- Assist in organizing a community event to raise environmental awareness.
- Significantly reduce emissions of ammonia to the atmosphere.

COMPANY 35

- Reduce air emissions by approximately 60 tons with installation of new thermal oxidizer system.
- Isolate from current waste streams and recycle off-site, approximately 400,000 pounds of methylene chloride.
- Recycle as a facility 60,000 pounds of paper, 120,000 pounds of cardboard, and 300,000 pounds of scrap steel.
- Continue to provide on-site recycle containers for the employees' newspapers, magazines, glass and metal containers from home.

COMPANY 36

- Reduce the volume and toxicity of all wastes by 5% per year.

COMPANY 37

- Reduce volatile organic compounds by 10%, incinerator wastes by 10, reduce water, electric, and gas usage by 5%.
- Maintain parts cleaner use.

COMPANY 38

- Identify solvents and cleaners used in our facilities that contain harmful or toxic substances.
- Reduce the use of the above or change to biodegradable cleaning agents.
- Implement e-mail for communication to reduce paper messages.

COMPANY 39

- Install an Internet File Server to reduce the number of paper publications received at company.
- Eliminate the use of aerosol spray for marking drums; replace with non-aerosol paint pens.
- Make it a practice to post memos and circulate documents rather than distributing a copy to each employee.
- Continue the development and completion of ISO14000 program.

COMPANY 40

- Finalize statewide inventory of pollution prevention (waste minimization) projects and utilize as a benchmark for future P2 activities.

COMPANY 41

- Establish an annual household hazardous waste recycling program.
- Establish oil, oil filter, antifreeze, and dry-cell battery recycling program.

COMPANY 42

- Achieve 100% on-time environmental reporting and eliminate at least one hazardous waste stream.
- Assist minimum of one other company facility with waste reduction activities.

COMPANY 43

- Continue recycling programs for office paper, corrugated cardboard, magazines, and metal cans.
- Begin energy reduction efforts by turning off lighting, and setting thermostats for maximum energy efficiency.
- Investigate the feasibility of recycling printer toner cartridges.

COMPANY 44

- Utilize web-based agendas rather than traditional paper copy, further education regarding office paper and cardboard recycling, verify recycling collection efforts by waste provider
- Energy efficiency upgrades – insulated garage doors, high-efficiency HVAC, lighting ballast upgrades
- Utilize hybrid-electric and other alternative fuel vehicles, minimize idling time on vehicles